CONNECTIVITY

# Data sheet: CN-512

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| Product code: | CN-512 |
| Product name: | Bluetooth™ 2.0 USB Adapter - 10m |
| EAN code: | 8716502012107 |
| Qty. masterpack / carton: | 6/24 |

With the Bluetooth™ 2.0 USB Adapter you can create a wireless connection between your notebook or PC and other Bluetooth™ enabled peripherals. The new Bluetooth™ 2.0 standard enables higher transfer speeds up to 3Mbps and makes new multi-tasking applications (like sharing music/pictures and printing simultaneously) possible within a wireless range of 10 meters. The Bluetooth™ 2.0 USB adapter is fully backwardly compatible and has a low power consumption, which makes this USB adapter perfectly suitable for mobile users.

## Box content:

- USB Bluetooth Adapter
- Driver CD-rom
- User manual

## System requirements:

- Microsoft Windows ME/2000 /XP, Mac OS 10.2.8 and above
- USB port

## Key features:

- Bluetooth v2.0+EDR compliant
- Full speed USB v1.1 Interface
- Bluetooth wireless access up to a radius of 32.8 feet (10 Meters)
- Connect up to 7 different enabled Bluetooth devices
- Encryption and authentication ensure safe, secure communications
- Low power consumption

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## Technical specifications:

- Main chip : CSR BC04
- Bluetooth 2.4GHz~2.4835GHz license-free ISM Band frequency hopping
- Connections within ranges up to 32.8 feet (10 Meters) (Varies depending on use environment)
- Connect up to 7 devices in a Piconet
- Data Rate : 2~3Mbps
- Class 2 Bluetooth radio
- RF module sensitivity : -80dbm at 0.1% Bit Error Rate (BER)
- Security : encrypted link, authentication
- Bluetooth profiles support includes:
  Generic access profile (GAP), Serial port profile (SPP), Object push profile (OPP),
  File transfer profile (FTP), Dial-up network profile (DUN), Fax profile (FAX),
  Synchronization Profile(SYNC), Personal Area Network(PAN), Basic image Profile(BIP),
  Headset Profile(HSP), Hardcopy Cable Replacement Profile(HCRP),
  A2DP (Advanced Audio Distribution Profile), HID Profile(HID)

## Mechanical:

- Dimension: 45.3 x 16.6 x 7.2 mm (L x W x H)

## Certification:

- FCC, CE

## Environmental Operating Ranges:

- Operating Temperature : 0 ~70° C , Humidity 10 ~ 90%
- Storage Temperature : -20 ~90° C, Humidity 10 ~ 90%

## Power Consumption:

- Typical: 8.5~14mA/5V
- Maximum: Transmit : 35.5mA/5V (peak),
- Receive : 43.5mA/5V (peak)
  (Varies depending on use environment)

## LED Indication:

- Green : Receiver active.